

CLAIMS

1. A portable telephone assembly comprising first and second portions wherein the first portion:
  - 5 comprises a primary power source; is independently operable as a portable telephone; and is arranged to be detachably connectable to the second portion,
- 10 and the second portion:
  - 10 is arranged to be removably attachable to a user; and comprises an auxiliary power source operable to supplement the primary power source when the first and second portions are connected.
- 15 2. A portable telephone assembly as claimed in claim 1 wherein the auxiliary power source comprises a battery.
- 20 3. A portable telephone assembly as claimed in claim 2 wherein the battery comprises several re-chargeable cells distributed about the second portion.
4. A portable telephone assembly as claimed in claim 1, wherein the second portion is arranged for removable attachment to a user's wrist.
- 25 5. A portable telephone assembly as claimed in claim 1, wherein charging circuitry is provided to re-charge the primary power source from the auxiliary power source.
6. A portable telephone assembly as claimed in claim 5 wherein the charging circuitry is disposed in the second portion.

7. A portable telephone assembly as claimed in claim 5, wherein the charging circuitry comprises contactless inductive charging apparatus.
8. A portable telephone assembly as claimed in claim 6, wherein the charging circuitry comprises contactless inductive charging apparatus.
9. A portable telephone apparatus as claimed in claim 1, further comprising charging apparatus for re-charging the auxiliary power source.